

ABSTRACT

The invention concerns a flat thermionic emission
5 screen (1) comprising a first substrate (2) on which
are arranged an emission cathode (4) and an electron
extraction grid (8), a second substrate (12) facing the
first substrate (2) on which is arranged an anode (14)
designed to collect the electrons emitted by the
10 cathode (4), and an electronic control circuit of the
anode (14) voltage comprising at least one commutation
component (18, 20).

According to the invention, the commutation
component (18, 20) is built into the first substrate (2)
15 and in the second substrate (12) of the screen (1).

Figure 6.